

CLAIMS

1. A rim for a bicycle wheel with tubeless tyre, comprising:

- 5 - a radially inner peripheral wall;
 - a radially outer peripheral wall; and
 - two circumferential side walls, which connect said inner and outer walls together,

10 in which said side walls extend radially outwards beyond said outer peripheral wall, forming two ribs for providing an anchorage for a tubeless tyre, and

 a valve body rigidly connected to said inner and outer walls for blowing inflation air into the chamber defined between the tyre and said outer peripheral wall

15 (3) of the rim,

 wherein said valve body is a valve body of the standard type used for bicycle wheels with tyres provided with inner tubes, and wherein said valve body is connected to said inner and outer walls of the rim
20 by means of an intermediate tubular element, which is mounted inside two holes facing one another of said inner and outer walls and which has a portion that projects radially beyond said inner wall, in the direction of the axis of the rim, the valve body being
25 secured to said portion.

2. The rim according to Claim 1, wherein the valve body has an external surface with a threaded portion screwed into a threaded portion of the internal surface of the intermediate tubular element.

30 3. The rim according to Claim 2, wherein the threaded portion of the internal surface of the intermediate tubular element, in which the valve body is screwed, is formed at the end of the intermediate tubular element (10).

35 4. The rim according to any one of Claims 1 to 3,

wherein the intermediate tubular element has its radially external end bonded or welded to the outer peripheral wall of the rim.

5 5. The rim according to Claim 4, wherein the
aforesaid radially external end of said intermediate
tubular element is hermetically bonded or welded to the
circumferential edge of the respective hole in the
outer peripheral wall of the rim.

10 6. The rim according to Claim 5, wherein said
intermediate tubular element is also bonded or welded
to the inner peripheral wall of the rim.

7. The rim according to any one of Claims 4 to 6,
wherein the radially external end of said intermediate
tubular element has a front surface that is
15 substantially flush with the external surface of the
outer peripheral wall of the rim.

8. The rim according to any one of Claims 1 to 3,
wherein the intermediate tubular element is connected
in a disconnectable way to the rim.

20 9. The rim according to Claim 8, wherein the
intermediate tubular element has a radially external
end portion mounted in a removable way in a bushing,
which has its ends fixed within said facing holes of
the outer peripheral wall and of the inner peripheral
25 wall of the rim.

10. The rim according to Claim 9, wherein said
bushing has its radially external end portion that is
substantially flush with the external surface of the
outer peripheral wall of the rim.

30 11. The rim according to Claim 9, wherein said
bushing is bonded or welded to the circumferential
edges of said facing holes.

12. The rim according to Claim 9, wherein between
said intermediate tubular element and said bushing are
35 set sealing means.

13. The rim according to Claim 12, wherein the sealing means comprise one or more O-rings.

14. The rim according to Claim 13, wherein the O-ring or rings are mounted in peripheral grooves of the intermediate tubular element and are pressed into contact with the internal surface of said bushing.

15. The rim according to any one of Claims 9 to 14, wherein said intermediate tubular element is screwed into said bushing.

16. The rim according to Claim 15, wherein said intermediate tubular element has an annular contrast surface designed to engage the radially internal end surface of said bushing.

17. The rim according to any one of Claims 9 to 14, wherein said intermediate tubular element has a widened head that rests on the external surface of the outer peripheral wall of the rim and a threaded portion protruding beyond the inner peripheral wall in the direction of the axis of the rim, on which a nut is screwed, so as to pull the aforesaid head (14) against its resting surface.

18. The rim according to Claim 8, wherein said intermediate tubular element is engaged directly through said holes facing one another and has an widened end head that rests on the external surface of said outer peripheral wall and a threaded portion that protrudes beyond the inner peripheral wall, in the direction of the axis of the rim, and on which a nut is screwed so as to pull the aforesaid head against its resting surface.

19. The rim according to Claim 18, wherein between said head and its resting surface are set sealing means.

20. The rim according to Claim 19, wherein said sealing means comprise an O-ring mounted inside a front

annular groove made in the external surface of the outer peripheral wall of the rim, along the edge of the respective hole.